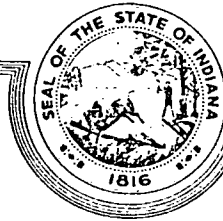


STATE OF INDIANA



INDIANAPOLIS 46206

STREAM POLLUTION CONTROL BOARD

1330 West Michigan Street
633-5467

June 13, 1975

VIA CERTIFIED MAIL

Mr. Pearson L. Miller, Superintendent
Mount Vernon Community School Corporation
Box 157
Fortville, Indiana 46040

Dear Mr. Miller:

Re: NPDES Permit No. IN 0031241
Mount Vernon High School
Hancock County

Your application for a National Pollutant Discharge Elimination System (NPDES) Permit has been processed in accordance with Sections 402 and 405 of the Federal Water Pollution Control Act Amendments of 1972, (86 Stat. 816, Public Law 92-500, 33 U.S.C. 1251 et seq.), and Public Law 100, Acts of 1972, as amended, (IC 13-7 et seq., the "Environmental Management Act"). The enclosed NPDES Permit covers your operation which discharges into Jackson Ditch. All discharges from this facility shall be consistent with the terms and conditions of this permit.

One condition of your permit requires monthly reporting of several effluent parameters. Reporting is to be done on the enclosed discharge monitoring report form. We have included enough forms to establish a supply for approximately four months of reporting. You should duplicate this form as needed for further reporting.

It should also be noted that Indiana Stream Pollution Control Board Regulation SPC-15 requires that any appeal under procedures outlined in IC 4-22-1-1 to 4-22-1-30, as amended, must be filed within 15 days from the effective date stated on the first page of the enclosed permit. If you have any questions, please contact Mr. Robert J. Hilton at 633-4502.

Very truly yours,

Oral H. Hert
Technical Secretary

RJHilton/OH1/ge
Enclosures

Permit No. IN 0031241

Application No. 0031241

Expiration Date June 30, 1978

INDIANA STREAM POLLUTION CONTROL BOARD

AUTHORIZATION TO DISCHARGE UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq.) and Public Law 100, Acts of 1972, as amended (IC 1971, 13-7 et seq., the "Environmental Management Act")

Mt. Vernon Community School Corporation
P. O. Box 157
Fortville, Indiana 46040
Attn: Mr. Pearson L. Miller, Supt

is authorized to discharge from their semi-public wastewater treatment facility located at Mt. Vernon High School at intersection of State Road 234 & County Road 200 W. approximately 3½ miles E. of McCordsville, Hancock County

to Jackson Ditch, to Flat Rock Creek, to Geist Reservoir

in accordance with the conditions specified in Attachments A and B.

Permittee shall not discharge after the above date of expiration. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information, forms, and fees as are required by the Agency authorized to issue NPDES permits no later than 180 days prior to the above date of expiration.

This permit shall become effective ten days from date of signature.

Signed this 16th day of June, 1975, for the Indiana Stream Pollution Control Board.

Quail Hest
Technical Secretary

ATTACHMENT A

EFFLUENT LIMITATION, AND MONITORING
AND OPERATIONAL REQUIREMENTS

1. Treatment Facility Description

The discharger presently has the following treatment system

An extended aeration plant providing secondary treatment with chlorination facilities followed by a two cell lagoon

2. Effluent Limitations and Monitoring Requirements

- a. The average daily quantity of effluent discharged from the wastewater treatment facility during a period of 30 consecutive days shall not exceed 40 thousand gallons per day unless the pollutant loadings to the stream (pounds or kilograms per day) of biochemical oxygen demand and suspended solids are not exceeding the limitations defined on sheets supplementary 2A and 2B.

b. (1) Biochemical Oxygen Demand (B.O.D.5) Final

The average (arithmetic mean) of the B.O.D.5 samples collected in a period of 30 consecutive days shall not exceed 3.3 pounds of B.O.D.5 per day or (1.5 kilograms per day).

(2) Suspended Solids (S.S.) Final

The average (arithmetic mean) of the S.S. samples collected during a period of 30 consecutive days shall not exceed 3.3 pounds of S.S. per day or (1.5 kilograms per day).

(3) pH

The effluent values for pH shall remain within the limits of 6.0 to 9.0.

(4) Fecal Coliform

The average of the fecal coliform bacteria values for effluent samples collected during a period of 30 consecutive days shall not exceed 200 per 100 milliliters. The average of these values for effluent samples collected in a period of 7 consecutive days within a period of 30 consecutive days shall not exceed 400 per 100 milliliters. A residual chlorine content of 0.5 mg/l, but not more than 1.0 mg/l, of an effluent sample taken from the discharge from the chlorine contact tank during a period of high flow will be accepted as an alternative to a bacteria count for a period of time determined by the Director after the effective date of this permit. A chlorine residual analysis must be taken at the effluent end of the chlorine contact tank.

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ATTACHMENT A

- (5) There shall be no discharge of floating solids or visible foam in other than trace amounts.
- (6) Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: at a point representative of the effluent, prior to discharge to Jackson Ditch to Flat Rock Creek.
- (7) Formula for Calculating Pounds B.O.D.₅ and S.S.
$$\frac{(\text{Average Daily Flow} \times (\text{Effluent B.O.D.}_5 \text{ or S.S.}) \times (8.34 \text{ lbs/gal}))}{1,000,000} = \text{lbs. B.O.D.}_5 \text{ or S.S. per day}$$
- (8) Composite samples shall consist of two or more grab samples which occur during normal and peak flow periods in a given 24-hour period.

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PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - Interim

1. During the period beginning on the effective date of the permit
the permittee is authorized to discharge from outfall 001

and lasting until November 30, 1976

Such discharges shall be limited and monitored by the permittee as specified below.

<u>EFFLUENT CHARACTERISTICS</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	(lbs/day)	Other Units (Specify)	Measurement	Sample
	<u>Monthly Avg.</u>	<u>Monthly Avg.</u>	<u>Frequency</u>	<u>Type</u>
Flow - Gallons	-	-	daily	-
B.O.D. ₅	9.9	30 mg/l	twice per month	composite
Suspended Solids	9.9	30 mg/l	twice per month	composite
Fecal Coliform	-	200/100 ml	weekly	grab
Residual Chlorine	-	0.5 mg/l	twice per week	grab
pH	-	6.0 - 9.0	twice per week	grab
Max. Flow Rate GPM	-	-	twice per week at effluent weir	-

Permit No. IN 0031241

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS Final

1. During the period beginning December 1, 1976 and lasting until the expiration date of the permit the permittee is authorized to discharge from outfall 001

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTICS</u>	<u>DISCHARGE LIMITATIONS</u>			<u>MONITORING REQUIREMENTS</u>	
	(lbs/day)	Other Units (Specify)		Measurement	Sample
	<u>Monthly Avg.</u>	<u>Weekly Avg.</u>	<u>Monthly Avg.</u>	<u>Frequency</u>	<u>Type</u>
Flow - Gallons	-	-	-	daily	-
B.O.D. ₅	3.3	15 mg/l	10 mg/l	weekly (Thurs.)	composite
Suspended Solids	3.3	15 mg/l	10 mg/l	weekly (Thurs.)	composite
Fecal Coliform	-	400/100 ml	200/100 ml	weekly (Thurs.)	grab
Residual Chlorine	-	-	0.5 mg/l	twice per week	grab
pH	-	-	6.0 - 9.0	twice per week	grab
Max. Flow Rate GPM	-	-	-	twice per week at effluent weir	-

ATTACHMENT A

3. Schedule of Compliance

A. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

- | | |
|--|------------------|
| (1) Submission of preliminary plans, if needed, for plant modification including the addition of chlorination facilities | July 31, 1975 |
| (2) Submission of final plans, if needed for plant modification including the addition of chlorination facilities | December 1, 1975 |
| (3) Attainment of effluent limitations as shown on Supplementary Sheet 2B | December 1, 1976 |

B. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement. This notice should be sent to both agencies listed under Section 5A. of this permit.

ATTACHMENT A

4. Facility Operation and Quality Control

All waste collection, control, treatment and disposal facilities shall be operated in a manner consistent with the following:

- A. At all times, all facilities shall be operated as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants.
- B. The permittee shall provide an adequate operating staff which is duly qualified to carry out the operation, maintenance and testing functions required to insure compliance with the condition of this permit. Indiana Law and Regulation requires that the wastewater treatment facility be under the supervision of a properly certified operator.
- C. Maintenance of treatment facilities that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by the Director.

5. Reporting Requirements

In addition to the preparation and filing of reports of operation required by the Director, the following are additional explicit requirements under this permit:

- A. The permittee shall effectively monitor the operation and efficiency of all treatment and control facilities and the quantity and quality of the treated discharge. Monitoring data required by this permit shall be summarized on an average calendar month basis.

The permittee shall submit the monthly discharge reports to the State Agency every month. The address of the State Agency is as follows:

Indiana Stream Pollution Control Board
1330 West Michigan Street
Indianapolis, Indiana 46206

- B. The average values called for on the monthly discharge report shall represent the results of a 24-hour day. In some situations this may be the result of a single analysis while in others it may be the average of analyses of three 8-hour composite samples.

C. Analysis Methods

The analytical and sampling methods used shall conform to the following list of the latest edition of the reference methods, as required by Section 304(g) guidelines, Test Procedures for the Analysis of Pollutants. However, different but equivalent methods are allowable if they receive the prior written approval of the Director or his authorized representative.

- 1. Standard Methods for the Examination of Water and Wastewaters, 13th edition, 1971, American Public Health Association, New York, New York 10019.

ATTACHMENT A

2. A.S.T.M. Standards, Part 23, Water; Atmospheric Analysis, 1972 American Society for Testing and Materials, Philadelphia, Pennsylvania 19103.
3. Methods for Chemical Analysis of Water and Wastes, April 1971, Environmental Protection Agency, Water Quality Office, Analytical Quality Control Laboratory, 1014 Broadway, Cincinnati, Ohio 45202.

The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

Beginning on the effective date of this permit and continuing for a period of time determined by the Director, the following practicable alternative procedures may be substituted for the Standard Method of analysis described in the permit condition entitled Sampling and Analysis Methods:

<u>Effluent Characteristic</u>	<u>Practicable Alternative</u>
5-day BOD	Manometric Apparatus
Suspended Solids	Photometric Response

The permittee shall obtain the required laboratory equipment to analyze the discharge for the parameters indicated or shall arrange for such analysis within six months after the effective date of the permit. The need for wastewater flow measurement must be recognized by the permittee.

6. Recording

The permittee shall record for all samples the date and time of sampling, the sampling method used, the date analyses were performed, the identity of the analysis, and the results of all required analyses and measurements.

All sampling and analytical records mentioned in the preceding paragraph shall be retained for a minimum of three years. The permittee shall also retain all original recordings from any continuous monitoring instrumentation and any calibration and maintenance records, for a minimum of three years. These periods will be extended during the course of any unresolved litigation or when so requested by the Director or his authorized representative.

7. Solids Disposal

Collected screenings, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into navigable waters or their tributaries. Such pollutants shall be disposed of by approved methods established by the Director.

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ATTACHMENT A

8. Treatment Facility Expansion

The permittee must recognize that plant expansion or improvement, other than that which may be imposed by this permit, may be required in the future as dictated by domestic and industrial growth. The permittee must plan for such expansion well in advance of the needs so that the conditions of this permit are not violated.

9. State Agency Construction Permit

Indiana Regulation SPC 15 requires that any modification to a water pollution control facility cannot be made unless a valid construction permit has been issued by the Stream Pollution Control Board or its designated agent.

10. Operator's Certification Program

As required by IC 1971, 13-1-6 and Indiana State Board of Health Regulation HSE 30R all sewage treatment works shall be properly and efficiently operated under the supervision of a certified operator.

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ATTACHMENT BGENERAL CONDITIONS

1. All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such a violation may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act. Facility modifications, additions, and/or expansions that increase the plant capacity must be reported to the Director, after having obtained State Agency approval, and this permit then modified or re-issued to reflect such changes. Any anticipated change in the facility discharge, including any new significant discharge or significant changes in the quantity or quality of existing discharges to the treatment system that will result in new or increased discharges of pollutants must be reported to the Director. Modifications to the permit may then be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants, not identified and limited herein. In no case are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.
2. After an appeal to the Director, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:
 - (a) violation of any terms or conditions of this permit;
 - (b) obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or,
 - (c) a change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.
3. Notwithstanding 2 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee shall be so notified
4. The permittee shall allow the Director, the Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:
 - (a) to enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit;

ATTACHMENT B

- (b) to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
 - (c) to inspect at reasonable times any monitoring equipment or monitoring method required in this permit; or,
 - (d) to sample at reasonable times any discharge of pollutants
5. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, state or local laws or regulations.
6. This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.
7. Except for data determined to be confidential under Section 308 of the Act, all monitoring reports required by this permit shall be available for public inspection at the offices of the Director. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.
8. Any diversion from or by-pass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except:
- (a) where unavoidable to prevent loss of life, severe property damage, extended duration process upset, or
 - (b) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit.

The permittee shall promptly notify the Director immediately of such occurrences by telephone and in writing within five days of such diversion or by-pass. Diversions solely caused by rainfall need not be reported except in monthly operation reports submitted to the State Agency.

9. If for any reason the permittee does not comply with or will be unable to comply with any effluent limitation specified in this permit, or should any unusual or extraordinary discharge of wastes occur from the facilities herein permitted, the permittee shall provide the Director with the following information in writing within five days of becoming aware of the condition.
- (a) A description of the non-complying discharge including its impact upon the receiving waters.
 - (b) Cause of non-compliance.

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ATTACHMENT B

- (c) Anticipated time the condition of non-compliance is expected to continue, or if such condition has been corrected, the duration of the period of non-compliance.
 - d) Steps taken by the permittee to reduce and eliminate the non-complying discharge.
 - e) Steps to be taken by the permittee to prevent recurrence of the condition of non-compliance.
10. Permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from non-compliance with any effluent limitation specified in this permit. The permittee will also provide accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
11. In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall:
- (a) Have or provide an adequate or alternative power source sufficient to operate facilities utilized by permittee to maintain compliance with the effluent limitations and conditions of this permit, or
 - (b) Upon the reduction, loss, or failure of the power to facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit, the permittee shall halt, reduce or otherwise control all discharge in order to maintain compliance with the effluent limitations and conditions of this permit.
- Should the treatment facilities not include the above capabilities at the time of permit issuance, the permittee must furnish within 120 days to the Director, for approval, plans for such facilities and an implementation schedule for their installation.
12. Except as provided in permit condition 8 on by-passing, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for non-compliance of permit conditions.
13. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Act.
14. In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
15. The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.